



Deductive Reasoning

Assessing Questions

Assessing Questions for teacher observation of a student's ability to use deduction.

Completeness of the student's use of the strategy of deduction

Did the student articulate the rule or principle from which deductions were made?

Did the student check to determine if the necessary conditions were in place to make the deduction valid?

Did the student explain the connection between the articulated rule or principle and their conclusions?

Accuracy and effectiveness of the student's thinking during the deduction task

Did the student base their deduction on an accurate principle or rule?

Did the student base their deduction on the most important or useful rule or principle governing the situation?

Were the conclusions drawn by the student logical consequences of the identified rule or principle?

Were the conclusions drawn by the student the most important or useful, given the situation?

Adapted from McREL Institute